

**ABSTRACT**

Cathodic protection device for flexible pipes.

The flexible pipe comprises a plastic sealing sheath and an inner plastic sheath which define an annular space in which structural elements are placed, the said structural elements comprising at least one armour ply consisting of metal wires wound helically with a long pitch, an end fitting (12, 13) being fitted at each end of the said flexible pipe (1), the device (14) comprising at least one external anode electrically connected by connection means to the said armour ply, and it is characterized in that the anode is placed in an intermediate region (40) of the flexible pipe (1) distal from the said end fittings, the connection means connecting the anode to at least one of the metal wires in the said intermediate region.

Applications especially to long flexible pipes resting on the seabed.

Figure 1.